The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

Source:

Date Processed by STIC:

101783,268

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,

2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>YERSION 4.2 PROGRAM</u>; ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE: SEE BELOW-FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1 EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE.06/05/04):
 U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04





OWNT

RAW SEQUENCE LISTING

DATE: 08/24/2004

PATENT APPLICATION: US/10/783,268

TIME: 16:42:47

Input Set : A:\Plasmepsin II.ST25.txt Output Set: N:\CRF4\08242004\J783268.raw

```
3 <110> APPLICANT: Savarino, Andrea
```

5 <120> TITLE OF INVENTION: Methods for Treatment of HIV or Malaria Using Combinations

```
Chloroquine and Protease Inhibitors
```

8 <130> FILE REFERENCE: 97728.00147

10 <140> CURRENT APPLICATION NUMBER: 10/783,268

11 <141> CURRENT FILING DATE: 2004-02-20

13 <150> PRIOR APPLICATION NUMBER: 60/449,517

14 <151> PRIOR FILING DATE: 2003-02-21

16 <150> PRIOR APPLICATION NUMBER: 60/471,038

17 <151> PRIOR FILING DATE: 2003-05-16

19 <160> NUMBER OF SEQ ID NOS:(2) 21 <170> SOFTWARE: PatentIn version 3.2

ED SEQUENCES

23 <210> SEQ ID NO: 1 24 <211> LENGTH: 453

Does Not Comply Corrected Diskette Needed

25 <212> TYPE: PRT 26 <213> ORGANISM: Plasmodium falciparum 29 <220> FEATURE: 30 <221> NAME/KEY: MISC FEATURE 31 <222> LOCATION: (1)..(453) 33 <300> PUBLICATION INFORMATION: . 34 <308> DATABASE ACCESSION NO: NCBI/P46925 35 <309> DATABASE ENTRY DATE: 2004-06-15

36 <313> RELEVANT RESIDUES: (1)..(453) 38 <400> SEQUENCE: (2)-10 Met Asp Ile Thr Val Arg Glu His Asp Phe Lys His Gly Phe Ile Lys

14 Ser Asn Ser Thr Phe Asp Gly Leu Asn Ile Asp Asn Ser Lys Asn Lys 15 25 30 18 Lys Lys Ile Gln Lys Gly Phe Gln Ile Leu Tyr Val Leu Leu Phe Cys 19 40 52 Ser Val Met Cys Gly Leu Phe Tyr Tyr Val Tyr Glu Asn Val Trp Leu 55 56 Gln Arg Asp Asn Glu Met Asn Glu Ile Leu Lys Asn Ser Glu His Leu 75 50 Thr Ile Gly Phe Lys Val Glu Asn Ala His Asp Arg Ile Leu Lys Thr 54 Ile Lys Thr His Lys Leu Lys Asn Tyr Ile Lys Glu Ser Val Asn Phe

58 Leu Asn Ser Gly Leu Thr Lys Thr Asn Tyr Leu Gly Ser Ser Asn Asp

RAW SEQUENCE LISTING DATE: 08/24/2004 PATENT APPLICATION: US/10/783,268 TIME: 16:42:47

Input Set: A:\Plasmepsin II.ST25.txt
Output Set: N:\CRF4\08242004\J783268.raw

69	115	120	ı	125
		Asp Phe Glr	Asn Ile Met	Phe Tyr Gly Asp Ala
73 130		135		140
	Gly Asp Asn			Ile Leu Asp Thr Gly
77 145	Non Iou Ten	150 . Val Pro Set	155 Val Ive Cve	160 Thr Thr Ala Gly Cys
81	165		170	175
			Ser Lys Ser	Arg Thr Tyr Glu Lys
85	180	_	185	190
				Gly Thr Val Ser Gly
89	195	200		205 Leu Ser Leu Pro Tyr
92 Phe Phe 93 210	ser Lys Asp	215	. Val Gly Asii	220
	Ile Glu Val		Asn Gly Phe	Glu Pro Thr Tyr Thr
97 225		230	235	240
100 Ala Se	r Thr Phe As	p Gly Ile Le		Trp Lys Asp Leu Ser
101	24		250	255
104 Ile Gly	y Ser Val As 260	p Pro lle Va	ii vai Giu Let 265	Lys Asn Gln Asn Lys 270
		ou Phe Thr Pl		Val His Asp Lys His
109	275		30	285
112 Thr Gl	y Phe Leu Th	r Ile Gly G	ly Ile Glu Glu	Arg Phe Tyr Glu Gly
113 29		295		300
	u Thr Tyr Gl		n His Asp Let 319	Tyr Trp Gln Ile Thr
117 305	n bla Hic V:	310		Lys Ala Asn Cys Ile
120 Dea AB	9 A10 1115 VC		330	335
			le Thr Val Pro	Thr Asp Phe Leu Asn
125	340		345	350
-				Pro Phe Leu Pro Phe
129	355 1 mbr tan Ci		50 or I.ve I.eu Pro	365 Thr Phe Glu Phe Thr
132 lyl va		375	si byo bed ii.	380
		s Tyr Thr L	eu Glu Pro Gli	ı Tyr Tyr Leu Gln His
137 385		390	39!	400
	_			Asn Ile Ile Gly Leu
141)5 The Pho T	410	415 Dro Phe Met Arm Ive
144 ASP PR	e Pro vai Pi 420	O IIII FHE I	te Let Gry Asj 425	Pro Phe Met Arg Lys 430
		ne Asp Tyr A		r Val Gly Ile Ala Leu
149	435		10	445
152 Ala Ly	s Lys Asn Le	eu		<u>, -</u>
153 45	0			•
•				

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/783,268

DATE: 08/24/2004

TIME: 16:42:48

Input Set: A:\Plasmepsin II.ST25.txt
Output Set: N:\CRF4\08242004\J783268.raw

::38 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:1 differs:2 ::19 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (2) Counted (1)